TOCEBO "E2T2h6bO

FIG.1

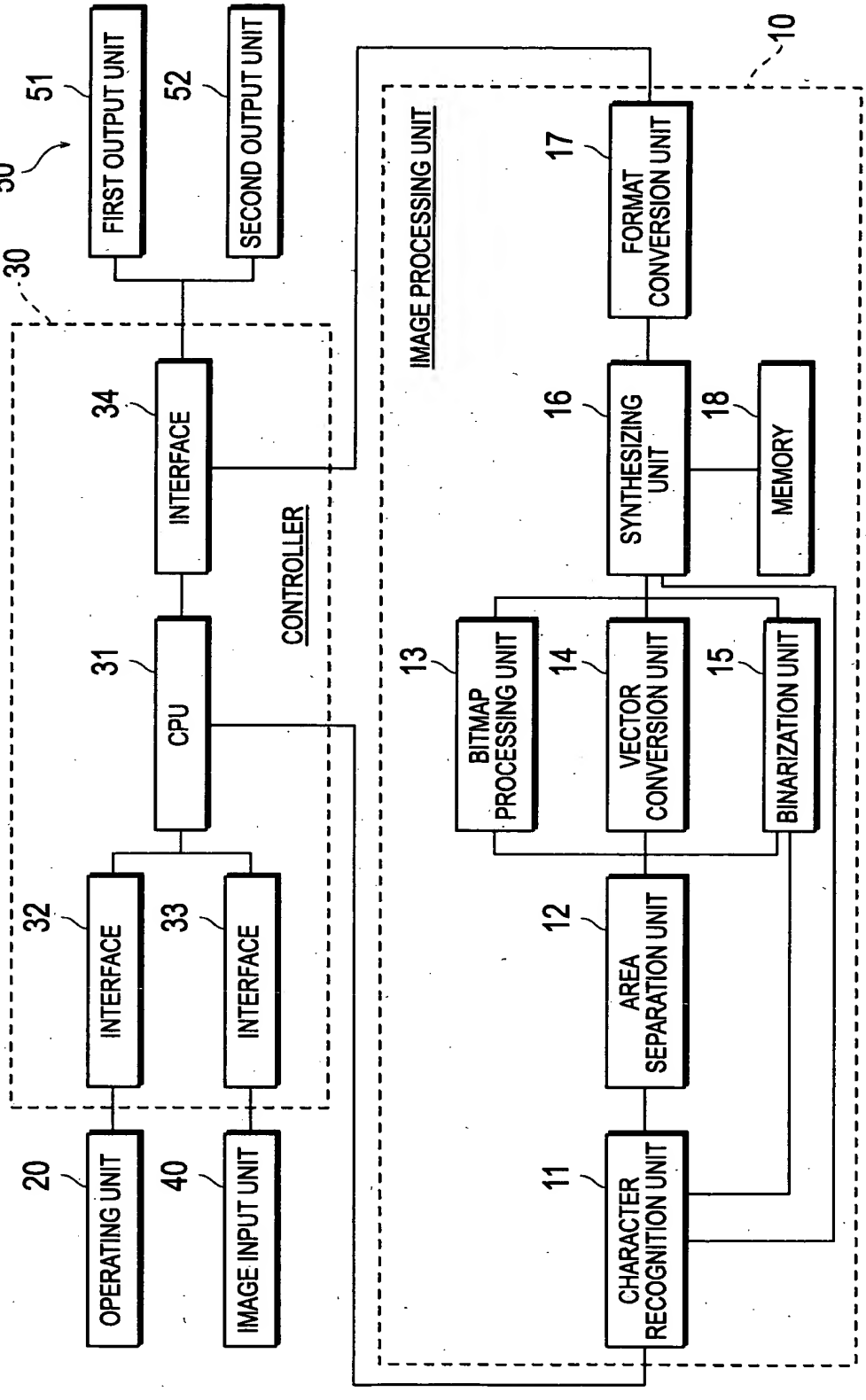

FIG.2

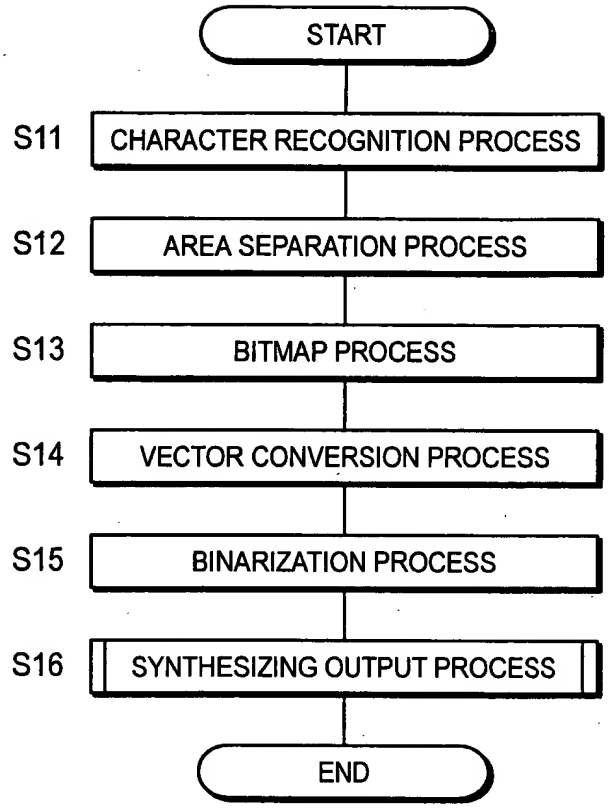
START
S11
CHARACTER RECOGNITION PROCESS
S12
AREA SEPARATION PROCESS
S13
BITMAP PROCESS
S14
VECTOR CONVERSION PROCESS
S15
BINARIZATION PROCESS
S16
SYNTHESIZING OUTPUT PROCESS
END

FIG.3

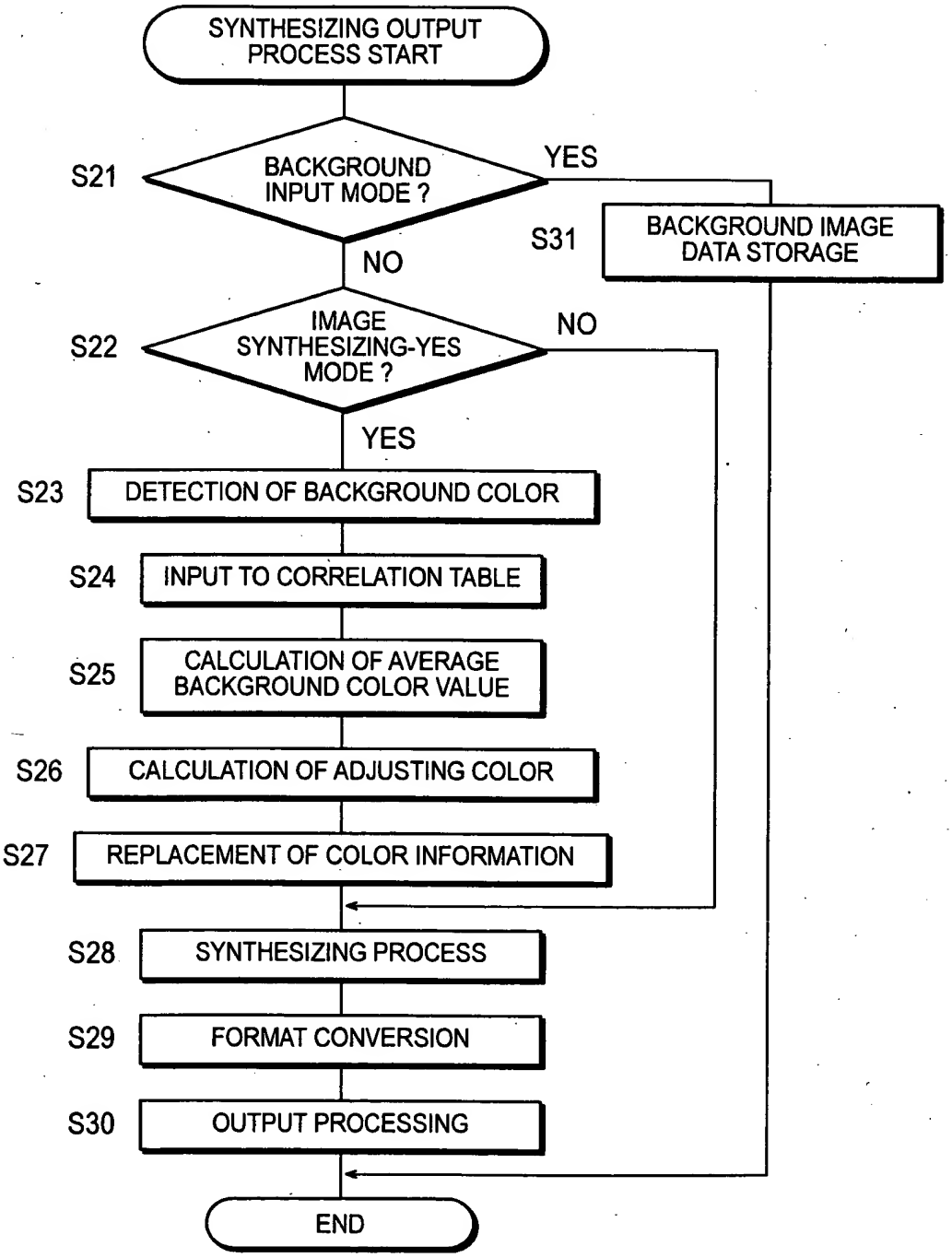
SYNTHESIZING OUTPUT PROCESS START
S21
BACKGROUND INPUT MODE ?
YES
S31
BACKGROUND IMAGE DATA STORAGE
NO
S22
IMAGE SYNTHESIZING-YES MODE ?
NO
YES
S23
DETECTION OF BACKGROUND COLOR
S24
INPUT TO CORRELATION TABLE
S25
CALCULATION OF AVERAGE BACKGROUND COLOR VALUE
S26
CALCULATION OF ADJUSTING COLOR
S27
REPLACEMENT OF COLOR INFORMATION
S28
SYNTHESIZING PROCESS
S29
FORMAT CONVERSION
S30
OUTPUT PROCESSING
END

FIG.4

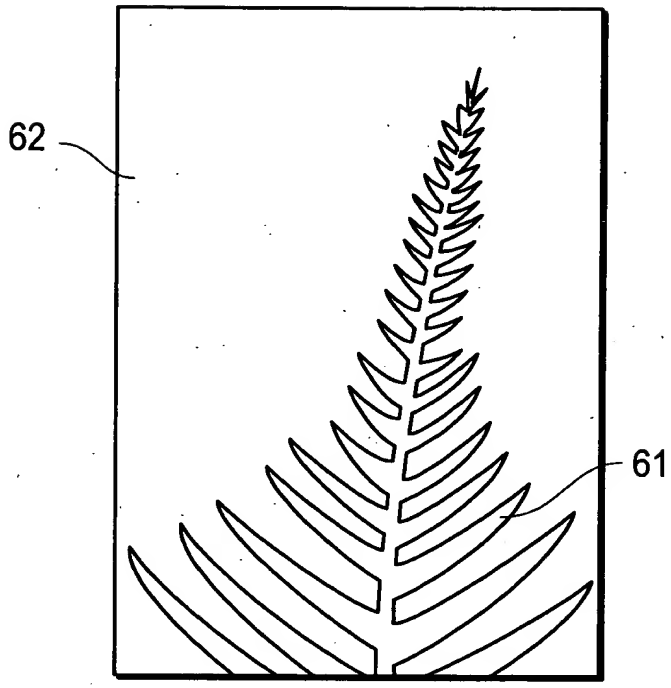

FIG.5

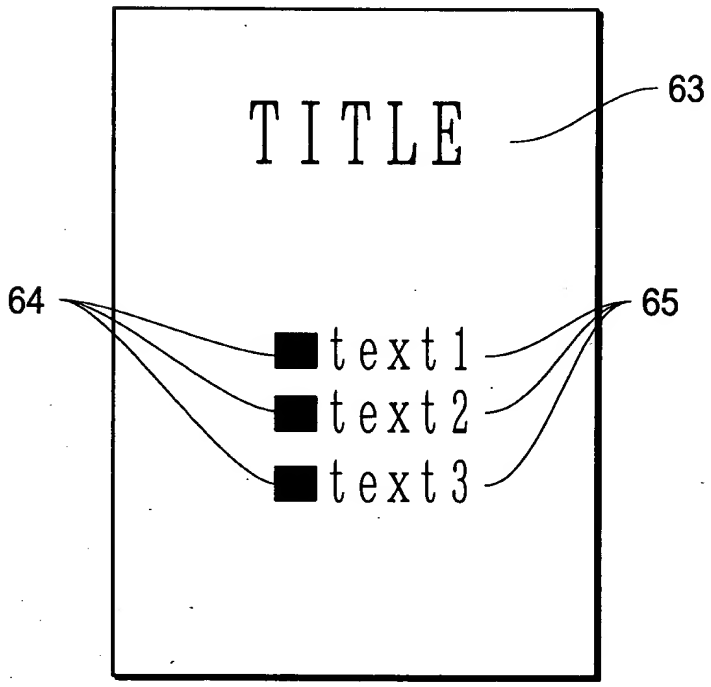

FIG.6

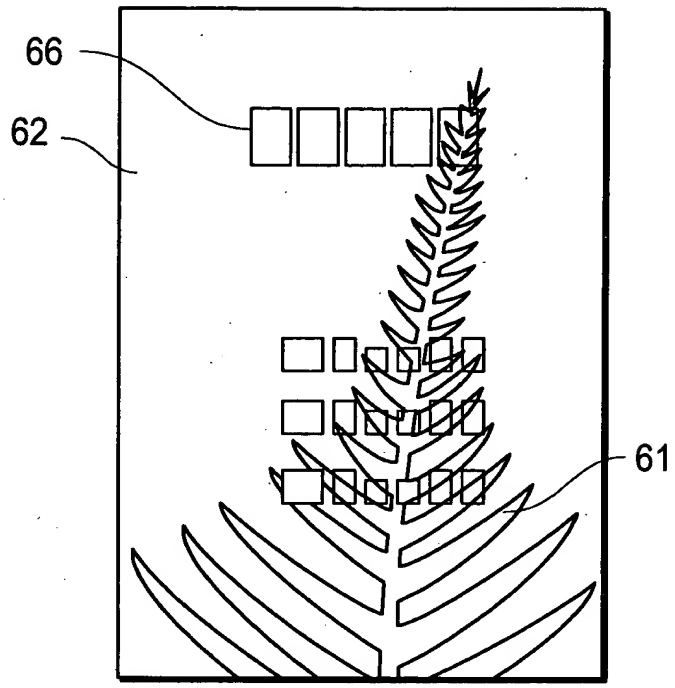

FIG.7

FOREGROUND IMAGE COLOR	BACKGROUND IMAGE COLOR	AVERAGE BACKGROUND COLOR	ADJUSTING COLOR
R1,G1,B1	RB11,GB11,BB11	RA1,GA1,BA1	R1c,G1c,B1c
	RB12,GB12,BB12		
	⋮		
	RB1m,GB1m,BB1m		
R2,G2,B2	RB21,GB21,BB21	RA2,GA2,BA2	R2c,G2c,B2c
	RB22,GB22,BB22		
	⋮		
	RB2m,GB2m,BB2m		
⋮	⋮		⋮
Rn,Gn,Bn	RBn1,GBn1,BBn1	RAn,GAn,BAn	Rnc,Gnc,Bnc
	RBn2,GBn2,BBn2		
	⋮		
	RBnm,GBnm,BBnm		
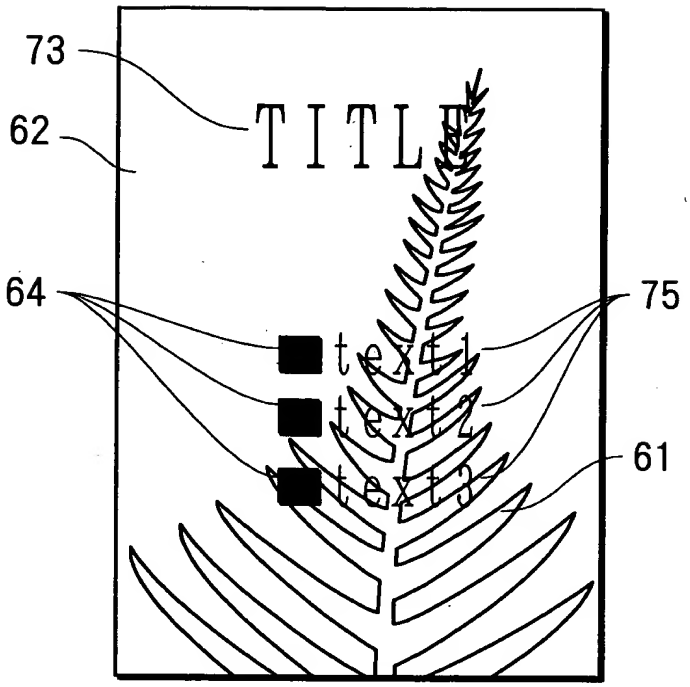
FIG.8